



**Barcelona
Supercomputing
Center**

Centro Nacional de Supercomputación

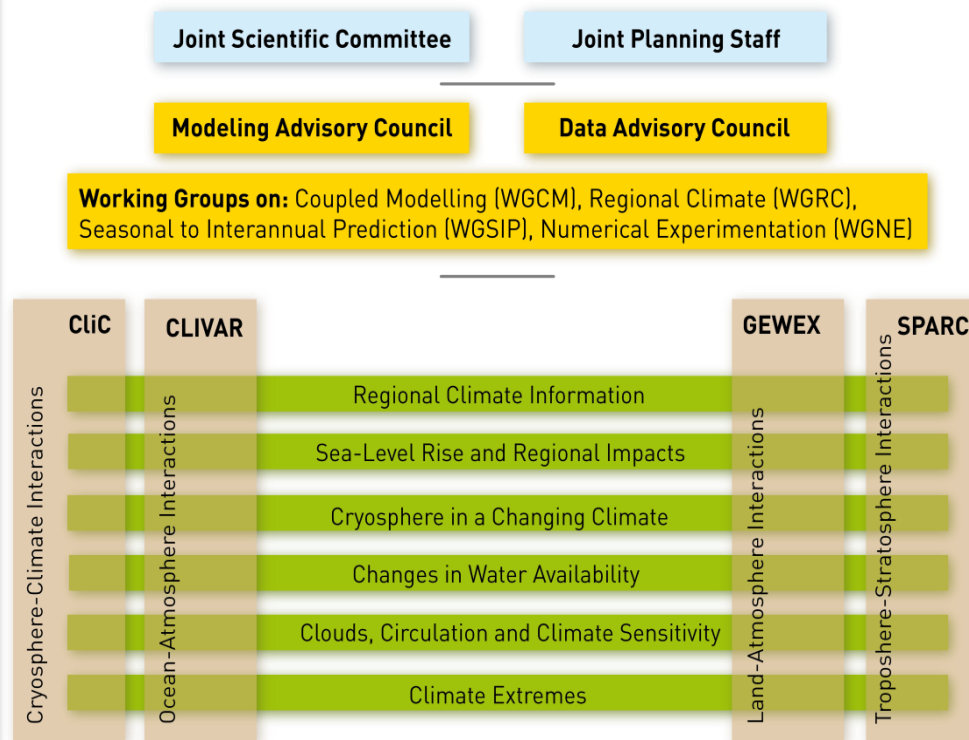


EXCELENCIA
SEVERO
OCHOA

Some comments from WGSIP

- The last WCRP JSC discussed the possibility to create a “decadal predictability” grand challenge that would substitute the Regional Climate Information grand challenge. Still a potential idea.
- Grand challenges are expected to be focused, work across many WCRP core projects and working groups, addressing issues that are not tackled individually by any of them. They are expected to have objectives with time scales of around five years.
- **How could component C contribute to this grand challenge?**

WCRP Organization



- The CMOR3 library will be used to ensure that all the data produced by the different partners have the same standardized format
- The CMOR3 is under development to:
 - Better handle a wide range of models and observational data
 - Modularize CMOR input tables
 - Integrate CMIP6 format conventions changes (including SPECS standards)
- New format and DRS under development
- Double time axis to encode start date and forecast time to be included
- New attributes for the initialization and the associated experiment
- **For component C, check what new attributes are needed and the list of data to be stored**

- WGSIP has started a scientific initiative to understand the characteristics of and processes involved in prediction drift and initial shock
- WGNE is promoting a transpose CMIP motivated by the move of operational weather forecast centres to couple the ocean and the atmosphere from day 1
- **How can component C link to these initiatives?**

